

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S DKT No.
028722-274APPLICATION NO.
UnassignedAPPLICANT
IATROU et al.FILING DATE
UnassignedGROUP
UnassignedJ1040 U.S. PTO
10/06/3590

02/27/02

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
J3	5,155,037		Summers	10/13/92
	5,516,657		Murphy et al.	5/14/96
	5,541,087		Lo et al.	07/30/96
	5,547,871		Black et al.	8/20/96
	5,565,362		Rosen	10/15/96
	5,571,720		Grandics et al.	11/5/96
	5,576,195		Robinson et al.	11/19/96
	5,674,485		Hammock et al.	10/07/97
	5,770,192		Cayley et al.	06/1998
	5,759,809		Iatrou	06/02/98
	5,726,044		Ming et al.	03/10/98
	5,837,816		Ciardelli et al.	11/17/98
	6,074,842		Londos et al.	06/2000

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
J3	0 326 419		EPO	08/02/89		
	0 608 696		EPO	08/03/94		
	0 646 646		EPO	04/05/95		
	WO 94/00585		PCT	01/06/94		
	WO 94/03588		PCT	02/17/94		
	WO 95/17515		PCT	06/29/95		
	WO 99/10489		PCT	03/03/99		

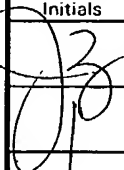

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
J3 ↓ ↓	Bei, R., J. Schlom, and S.V.S. Kashmiri, 1995. "Baculovirus expression of a functional single-chain immunoglobulin and its IL-2 fusion protein," <i>J. of Immunological Methods</i> . 186, pp. 245-255.		
	Bonning, et al., (1994) "Superior expression of juvenile hormone esterase and β -galactosidase from the base protein promoter of <i>Autographica californica</i> nuclear polyhedrosis virus compared to the p10 protein and polyhedrin promoters" <i>Journal of General Virology</i> 75:1551-1556		
	Bonning and Hammock, (1996) "Development of Recombinant Baculoviruses for Insect Control" <i>Annual Review of Entomology</i> 41:191-210		
Examiner Signature	J3 ~~~~~	Date Considered	6/22/04

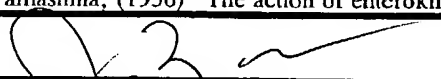
Substitute for form 1449A/PTO	ATTORNEY'S DKT NO.	APPLICATION NO.
	028722-274	Unassigned
	APPLICANT	
	IATROU et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE	GROUP
	Unassigned	Unassigned

U.S. PATENT DOCUMENTS				
Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Brinster et al., (1988) "Introns increase transcriptional efficiency in transgenic mice" <i>PNAS U.S.A.</i> 85:836-840
	Chai, et al., (1993) "Glycosylation and high-level secretion of human tumour necrosis factor- β in recombinant baculovirus-infected insect cells" <i>Biotechnol. Appl. Biochem</i> 18:259-273
	Clément and Jehanno, (1995) "Secretion of a bacterial protein by mammalian cells" <i>Journal of Biotechnology</i> 43:169-181
	Collins, et al. (1994) "Cloning and expression of bovine and porcine interleukin-2 baculovirus and analysis of species cross-reactivity" <i>Veterinary Immunology and Immunopathology</i> 40:313-324
	Congote and Li, (1994) "Accurate processing and secretion in the baculovirus expression system of an erythroid-cell-stimulating factor consisting of a chimaera of insulin-like growth factor II and an insect insulin-like peptide" <i>Biochem J.</i> 299:101-107
	Cottrez, et al., (1994) "Murine interleukin-4 production with a baculovirus: an easy and rapid method for a small scale production of functional interleukins" <i>Eur. Cytokine Netw.</i> 5(5):481-487
	Davis and Wood (1995) "Intrinsic glycosylation potentials of insect cell cultures and insect larvae" <i>in vitro Cell. Dev. Biol.</i> 31:659-663
	DiFalco, M.R., E. Bakopanos, M. Patricelli, G. Chan, and L.F. Congote. 1997. "The influence of various insect cell lines, p10 and polyhedrin promoters in the production of secreted insulin-like growth factor-interleukin-3 chimeras in the baculovirus expression system." <i>J. of Biotechnology</i> . 56, pp. 49-56.
	Farrell, Patrick J., Maolong Lu, J. Prevost, C. Brown, L. Behie, and K. Iatrou. "High-level expression of secreted glycoproteins in transformed lepidopteran insect cells using a novel expression vector." 1998. <i>Biotechnology and Bioengineering</i> , Vol. 60, No. 6, pp. 656-663.
	Garnier et al., (1994) "Scale-up of the adenovirus expression system for the production of recombinant protein in human 293S cells" <i>Cryotechnolgy</i> 15(1-3):145-155
	Hanzlik et al., (1989) "Isolation and Sequencing of a cDNA clones coding for juvenile hormone esterase from <i>Heliothis virescens</i> " <i>J. Biol. Chem.</i> 264(21):12419-12425
	Huybrechts et al. (1992) "Nucleotide sequence of a transactivating <i>Bombyx mori</i> nuclear polyhedrosis virus immediate early gene" <i>Biochim. Bioph. Acta.</i> 1129:328-330
	✓ Jarvis and Summers, (1989) "Glycosylation and secretion of human tissue plasminogen activator in recombinant baculovirus-infected cells." <i>Mol Cell Biology</i> 9:214-223
Examiner Signature	
Date Considered	6/22/04

Substitute for form 1449A/PTO	ATTORNEY'S DKT NO.	APPLICATION NO.
	028722-274	Unassigned
	APPLICANT	
	IATROU et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE	GROUP
	Unassigned	Unassigned

U.S. PATENT DOCUMENTS						
Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)		
	Number	Kind Code (if known)				
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
J3	Johnson et al., (1992) "A cellular promoter-based expression cassette for generating recombinant baculoviruses directing rapid expression of passenger genes in infected insects" <i>Virology</i> 190:815-823					
	Keil (1971) "Trypsin" in <i>The Enzymes</i> , Academic Press, 3:249-275					
	Kroll et al., (1993) "A multifunctional prokaryotic protein expression system: Overproduction, affinity Purification and Selective Detection" <i>DNA and Cell Biology</i> 12:441-453					
	Kunkel (1985) "Rapid and efficient site-specific mutagenesis without phenotypic selection" <i>Proc. Nat. Acad. Sci U.S.A.</i> 82:488-492					
	Lo et al., (1998) "High level expression and secretion of Fc-X fusion proteins in mammalian cells", <i>Protein Engineering</i> 11(6):495-500					
	Lu et al., (1996) "Trans-activation of a cell housekeeping gene promoter by the IE1 gene product of baculoviruses" <i>Virology</i> 218:103-113					
	Maiorella et al. (1988) "Large scale insect culture media for recombinant protein production" <i>Bio/Technology</i> 6:1406-1410					
	Martens et al., (1995) "Characterization of baculovirus insecticides expressing tailored <i>Bacillus thuringiensis</i> CryIA(b) crystal proteins" <i>J. of Invertebrate Pathology</i> 66:249-257					
	Martin-Eauclaire, et al., (1994) "Production of active, insect-specific scorpion neurotoxin in yeast" <i>Eur. J., Biochem.</i> 223:637-645					
	Mounier and Prudhomme, (1986) "Isolation of actin genes in <i>Bombyx mori</i> : the coding sequence of a cytoplasmic actin gene expressed in the silk gland is interrupted by a single intron in an unusual position" <i>Biochimie</i> 68:1053-1061					
	Mroczkowski, et al., (1994) "Secretion of thermostable DNA polymerase using a novel baculovirus vector" <i>The Journal of Biological Chemistry</i> 269(18):13522-13528					
	O'Reilly et al., (1992) <i>Baculovirus Expression Vectors</i> . W.H. Freeman and Co.					
	Sareneva, et al. (1994) "Role of N-glycosylation in the synthesis, dimerization and secretion of human interferon- γ " <i>Biochem J.</i> 303:831-840					
	Tzertziniz et al, (1994) "BmCF1, a <i>Bombyx mori</i> RXR-type receptor related to the <i>Drosophila</i> ultraspiracle", <i>Journal of Molecular Biology</i> 238:479-486					
	Wu, et al., (1994) "Heterologous protein expression affects the death kinetics of baculovirus-infected insect cell cultures: a quantitative study by use of η -target theory" <i>Biotechnol. Prog.</i> 10:55-59					
	Yamashina, (1956) "The action of enterokinase on trypsinogen" <i>Preliminary Notes</i> 20:433-434					
Examiner Signature				Date Considered	6/23/04	